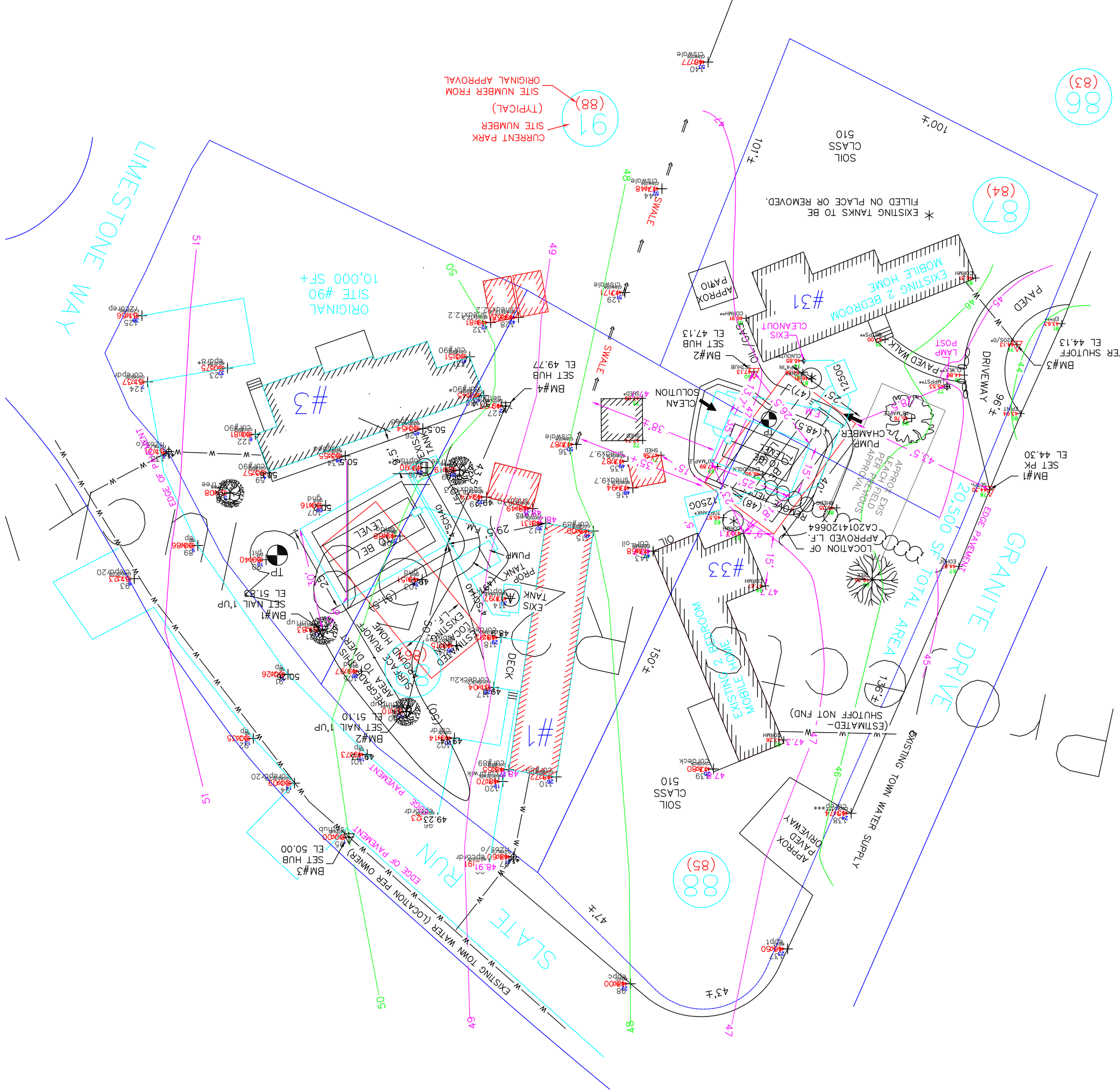

LIMESTONE WAY
EDGE OF PAVEMENT
EXISTING TOWN WATER (LOCATION PER OWNER)
EDGE OF PAVEMENT
SLATE RUN
EDGE PAVEMENT
GRANITE DRIVE
TOTAL AREA 20,500 SF±
ORIGINAL SITE #90 10,000 SF±
#3
#1
#31
#33
(84)
(83)
(88)
(85)
CURRENT PARK SITE NUMBER
(TYPICAL)
SITE NUMBER FROM ORIGINAL APPROVAL
EXISTING 2 BEDROOM MOBILE HOME
EXISTING MOBILE HOME
* EXISTING TANKS TO BE FILLED ON PLACE OR REMOVED.
SOIL CLASS 510
APPROX PAVED DRIVEWAY
PAVED DRIVEWAY
DRIVEWAY
PUMP CHAMBER
CLEAN SOLUTION
LOCATION OF APPROVED L.F. CA2014120664
APPROVED PERC FIELD EXS APPROVAL
EXISTING TOWN WATER SUPPLY
SURFACE RUNOFF DIVERTED AWAY FROM EXISTING MOBILE HOME
REGRADE AREA TO DIVERT SURFACE RUNOFF
BM#1 SET PK EL 44.30
BM#2 SET HUB EL 47.13
BM#3 SET HUB EL 50.00
BM#4 SET HUB EL 49.77
BM#1 SET NAIL 1'UP EL 51.83
BM#2 SET NAIL 1'UP EL 51.10
(ESTIMATED- SHUTOFF NOT FND)
EXISTING TANK
PROP TANK
PROP PUMP
DECK
SHED
APPROX PAVED
EL 44.13
100'±
101'±
150'±
47'±
43'±
136'±
96'±
38'±
25'
40'
(48.51-26.5)
1250G
2250G
4"SCH40
29.5'
50.5'
43.5'
15'
5'
9'
7'
4'
2'
TP
TEST PIT
OIL/GAS
EXIS CLEANOUT
EXIS POST LAMP
PAVED
SWALE
SWALE
EXIS TANK
EXIS TANK
EXIS LEACH BED
EXIS LEACH BED

Command= 210-
Point#, Start#-End# or G#= 1-255

Bearing	Distance	Elev	Descrip	Pnt.	Northing	Easting	Type
----------02-01-2025-----				19:26:58	----------	----------D:...\BMHOME14	
		50.00	sethub	1	5000.0000	5000.0000	
		49.77	sethub	2	4874.7578	4954.4156	TRA
		51.31	h2os/o	3	4887.9964	5052.3174	SS
		50.57	cor#90	4	4894.1876	5023.0789	SS
		51.08	8"tree	5	4899.9737	5034.5341	SS
		50.81	cor#90	6	4883.0110	5027.1584	SS
		51.37	corepdr	7	4867.7232	5058.4866	SS
		51.23	clepdr20	8	4924.9524	5062.3519	SS
		50.86	ep	9	4915.2772	5043.8979	SS
		50.40	pit	10	4919.4066	5024.0664	SS
		51.83	bmnl1up	11	4939.7471	5007.6770	SS
		50.26	ep	12	4952.6934	5017.7016	SS
		50.35	ep	13	4971.2996	5027.7614	SS
		50.09	corepdr2	14	4984.2969	5015.7772	SS
		51.10	bmnl1up	15	4963.4659	4983.3001	SS
		49.73	ep	16	4976.0297	4994.6505	SS
		49.23	epcordr	17	4994.4346	4974.2137	SS
		48.91	epcordr	18	5007.7965	4959.1778	SS
		48.70	cordrwlk	19	4983.8252	4955.2431	SS
		49.14	cordr	20	4971.2182	4969.3162	SS
		48.60	h2os/o	21	5005.7385	4952.1227	SS
		48.00	eppc	22	5042.5969	4918.1285	SS
		46.50	eppt	23	5032.4834	4872.5236	SS
		45.74	corep***	24	4993.0739	4854.0342	SS
		47.80	cordeck	25	4980.2027	4894.0436	SS
		48.72	cor#89	26	4982.5001	4939.6667	SS
		48.55	cor#89	27	4980.4106	4953.4651	SS
		51.04	cordeck2	28	4956.4950	4957.8857	SS
		48.92	cordeck	29	4942.0022	4955.7842	SS
		48.31	cormh	30	4908.8478	4942.7680	SS
		48.49	shedx10.	31	4904.5521	4946.5801	SS
		49.24	shedx10.	32	4901.1913	4959.9951	SS
		47.97	toptank*	33	4930.6701	4953.1238	SS
		49.51	gnd	34	4925.1685	4978.6778	SS
		49.15	dbox??	35	4944.3631	4968.7550	SS
		49.97	gnd	36	4951.8197	4996.3280	SS
		50.75	epdr8*	37	4863.7375	5035.2575	SS
		51.56	r2corep	38	4848.4887	5060.1108	SS
		47.90	toptank*	39	4892.6623	4977.5581	SS
		50.45	cor#90*	40	4871.7175	4960.8095	SS
		50.51	cor#90	41	4860.4269	4964.8887	SS
		49.81	shedx12.	42	4850.4987	4958.7883	SS
		49.68	shedx12.	43	4848.9917	4950.7179	SS
		50.55	edgbed	44	4889.2454	5001.0573	SS
		50.54	edgbed	45	4881.2892	4978.4851	SS
		48.00	cor#89	46	4911.0555	4928.9497	SS

JOB #14 701LUCK [255]

Bearing	Distance	Elev	Descrip	Pnt.	Northing	Easting	Type
02-01-2025		19:26:58				D:...\BMHOME14	
		47.68	cor-oil	47	4916.9297	4911.5676	SS
		47.94	shedx9.7	48	4898.5246	4917.4461	SS
		47.87	shedx9.7	49	4890.8230	4918.8672	SS
		47.87	clswale	50	4885.9151	4933.8923	SS
		47.71	clswale	51	4841.7722	4919.7656	SS
		47.48	clswale	52	4811.6251	4909.0014	SS
		46.77	clswale	53	4774.8233	4895.6149	SS
		46.57	clswale	54	4735.0720	4880.1303	SS
		46.57	clswal<	55	4701.1927	4864.2023	SS
		50.16	gnd	56	4903.6408	5006.7550	SS
		49.88	@hdg	57	4912.5389	4985.1605	SS
		50.19	8"tree	58	4893.3334	4967.8250	SS
		47.13	SETHUB	60	4864.8484	4882.3032	INT
		44.86	TOP4"IN	61	4864.9950	4868.0840	SS
		45.57	TOPTANK*	62	4907.1752	4891.1430	SS
		47.13	CORMH	63	4911.7023	4885.3052	SS
		47.67	CORMH	64	4926.9965	4878.9230	SS
		47.26	CORMH	65	4971.7766	4873.6229	SS
		46.36	TREE	66	4925.2933	4847.8794	SS
		44.87	EOHDGLIN	67	4921.3381	4822.7132	SS
		46.98	ENDHDGLN	68	4894.5259	4879.7165	SS
		47.89	20"MAPLE	69	4892.3409	4892.9166	SS
		47.69	CORMH	70	4916.9064	4911.6090	SS
		47.58	SHED	71	4889.0278	4909.2707	SS
		47.74	SHED	72	4884.7777	4914.6109	SS
		47.69	SHED*	73	4872.5291	4914.7053	SS
		46.85	CLNOUT**	74	4861.6150	4867.7993	SS
		47.00	@STPS**	75	4855.4415	4844.1869	SS
		44.86	CLWLK**	76	4865.7743	4821.1402	SS
		45.53	LMPPST**	77	4869.0649	4826.1613	SS
		44.30	SETPK**	78	4899.1028	4813.7555	SS
		44.13	H2OS/0*	79	4856.9443	4805.8809	SS
		43.94	EPINT	80	4876.9600	4804.6825	SS
		43.63	EP***	81	4850.8429	4792.8024	SS
		46.31	CORMH	82	4837.5753	4817.8239	SS
		46.76	18"MAPLE	83	4878.3709	4836.4663	SS
		46.69	GND	84	4881.9731	4861.4805	SS
		46.35	@HEDG	85	4904.3392	4858.2104	SS
		46.91	CORMH**	86	4849.2644	4884.5842	SS
		46.91	CENTNK*	87	4866.6974	4865.6455	SS

Point#, Start#-End# or G#= 4-

The State of New Hampshire

Department of Environmental Services

Thomas S. Burack, Commissioner

APPROVAL FOR CONSTRUCTION OF INDIVIDUAL SEWAGE DISPOSAL SYSTEM (ISDS)

AS AUTHORIZED BY THE NH DEPARTMENT OF ENVIRONMENTAL SERVICES, WATER DIVISION PURSUANT TO RSA 485-A, WATER POLLUTION AND WASTE DISPOSAL AND ENV-WQ 1000, SUBDIVISION AND INDIVIDUAL SEWAGE DISPOSAL SYSTEM DESIGN RULES.

APPLICATION APPROVAL DATE: November 18, 2014

APPROVAL NUMBER: CA2014120664

I. PROPERTY INFORMATION
Address: 31-33 GRANITE DRIVE
NORTH HAMPTON NH 03862
Subdivision Approval No.: 17912
Subdivision Name: PINE ACRES
County: ROCKINGHAM
Tax Map/Lot No.: 17/82/UNITS 87-88
Registry Book/Page No.: 2373/1350
Probate Docket No.:

II. OWNER INFORMATION
Name: LUCK ENTERPRISES
Address: PO BOX 700
NORTH HAMPTON NH 03862-0700

III. APPLICANT INFORMATION
Name: STOCKTON SERVICES
Address: PO BOX 1306
HAMPTON NH 03843-1306

IV. DESIGNER INFORMATION
Name: ANNE W BIALOBRZESKI
Address: 247 LANDING RD
HAMPTON NH 03842-4113
Permit No.: 00348

V. SPECIFIC TERMS AND CONDITIONS: Applicable to this Approval for Construction

A. TYPE OF SYSTEM: IN-GROUND
B. NO. OF BEDROOMS:
C. APPROVED FLOW: 600 GPD
D. OTHER CONDITIONS AND WAIVERS:
1. THIS APPROVAL IS VALID FOR 90 DAYS FROM DATE OF SAID APPROVAL, PER ENV-WQ 1003.22.
2. APPROVED WITH A PUBLIC WATER SYSTEM ONLY.
3. APPROVAL FOR TWO (2) BEDROOM MOBILE HOMES.(UNITS 31 AND 33).

Eric Thomas

Eric J. Thomas
Subsurface Systems Bureau

DES Web Site: www.des.nh.gov
P.O. Box 95, 29 Hazen Drive, Concord, New Hampshire 03302-0095
Telephone: (603) 271-3503 Fax: (603) 271-6683 TDD Access: Relay NH 1-800-735-2964

APPLICANT'S COPY

DESIGN LOADING: TOTAL 4 BEDROOMS

AREA REQUIRED: 750 SF REQUIRED

AREA PROPOSED: 25'X40'= 1000 SF PROVIDED

CA2014120664

REVIEWED AND APPROVED
IN ACCORDANCE WITH THE
REQUIREMENTS OF THE
NH DEPT OF ENVIRONMENTAL SERVICES
WATER DIVISION

Signed Eric Thomas

Date 11-18-14

ADVISE YOUR CONTRACTOR OF REQUIRED CHANGES IN PLANS AS INDICATED ON THIS CONDITIONAL APPROVAL.

RECEIVED
NOV 10 2014
ROCKINGHAM COUNTY CONSERVATION DISTRICT

PROPOSED REPLACEMENT

SEPTIC SYSTEM PLAN

EXISTING FAILED SYSTEM

LOCUS: #31 AND #33 GRANITE DRIVE
GRANITE POST GREEN (/F PINE ACRES)
TAX MAP 17 LOT 82 (SITES 87 & 88)
NORTH HAMPTON, NH

OWNER: LUCK ENTERPRISES, INC.
PO BOX 700
NORTH HAMPTON, NH 03862-0700

APPLICANT:
STOCKTON SERVICES
PO BOX 1306
HAMPTON, NH 03843-1306
603 929-7404

DATE: NOVEMBER 7, 2014

APPROVAL:

701 (SITES 87&88)

NOTICE to the installer or owner:
The Town of North Hampton requires this system to have a scarification (basal area) inspection. Contact the Building Inspector 24 hours prior to inspection at 964-8650.

12/8/14
APPROVED
Town of North Hampton
Septic System Examiner

NEW HAMPSHIRE
Designer
of
Subsurface Disposal Systems
* * *
Anne W. Bialobrzeski
No. 348
Certificate of Environmental Services

SHALL
ODORS OCCUR,

RECEIVED
NOV 17 2014
NHDES
LAND RESOURCES MANAGEMENT

The State of New Hampshire

Department of Environmental Services

Thomas S. Burack, Commissioner

APPROVAL FOR CONSTRUCTION OF INDIVIDUAL SEWAGE DISPOSAL SYSTEM (ISDS)

AS AUTHORIZED BY THE NH DEPARTMENT OF ENVIRONMENTAL SERVICES, WATER DIVISION PURSUANT TO RSA 485-A, WATER POLLUTION AND WASTE DISPOSAL AND ENV-WQ 1000, SUBDIVISION AND INDIVIDUAL SEWAGE DISPOSAL SYSTEM DESIGN RULES.

APPLICATION APPROVAL DATE: December 17, 2014

APPROVAL NUMBER: CA2014120992

I. PROPERTY INFORMATION
Address: 31-33 GRANITE DRIVE
NORTH HAMPTON NH 03862
Subdivision Approval No.: 17912
Subdivision Name: PINE ACRES
County: ROCKINGHAM
Tax Map/Lot No.: 17/82/UNITS 87-88
Registry Book/Page No.: 2373/1350
Probate Docket No.:

II. OWNER INFORMATION
Name: LUCK ENTERPRISES
Address: PO BOX 700
NORTH HAMPTON NH 03862-0700

III. APPLICANT INFORMATION
Name: STOCKTON SERVICES
Address: PO BOX 1306
HAMPTON NH 03843-1306

IV. DESIGNER INFORMATION
Name: ANNE W BIALOBRZESKI
Address: 247 LANDING RD
HAMPTON NH 03842-4113
Permit No.: 00348

V. SPECIFIC TERMS AND CONDITIONS: Applicable to this Approval for Construction

A. TYPE OF SYSTEM: IN-GROUND
B. NO. OF BEDROOMS:
C. APPROVED FLOW: 600 GPD
D. OTHER CONDITIONS AND WAIVERS:
1. THIS APPROVAL IS VALID FOR 90 DAYS FROM DATE OF SAID APPROVAL, PER ENV-WQ 1003.22.
2. APPROVED WITH A PUBLIC WATER SYSTEM ONLY.
3. APPROVAL FOR TWO (2) BEDROOM MOBILE HOMES (SITES 87 AND 88).

Eric Thomas

Eric J. Thomas
Subsurface Systems Bureau

DES Web Site: www.des.nh.gov
P.O. Box 95, 29 Hazen Drive, Concord, New Hampshire 03302-0095
Telephone: (603) 271-3503 Fax: (603) 271-6683 TDD Access: Relay NH 1-800-735-2964

APPLICANT'S COPY

DESIGN LOADING: TOTAL 4 BEDROOMS

AREA REQUIRED: 100–150 SF REQUIRED

AREA PROPOSED: 15' X 25' = 375 SF PROVIDED

REVIEWED AND APPROVED
IN ACCORDANCE WITH THE
REQUIREMENTS OF THE
NH DEPT OF ENVIRONMENTAL SERVICES
WATER DIVISION

Signed Eric Thomas

Date 12-17-14

CA2014120992

RECEIVED
DEC 16 2014
ROCKINGHAM COUNTY
CONSERVATION DISTRICT

ADVISE YOUR CONTRACTOR OF REQUIRED CHANGES TO PLANS AS INDICATED ON THIS CONDITIONAL APPROVAL.

REVISED REPLACEMENT

SEPTIC SYSTEM PLAN

EXISTING FAILED SYSTEM

INSTALLATION IN PROGRESS PER CA2014120664 11/17/14
REVISED DUE TO UNEXPECTED SITE CONSTRAINTS

LOCUS: #31 AND #33 GRANITE DRIVE
GRANITE POST GREEN (/F PINE ACRES)
TAX MAP 17 LOT 82 (SITES 87 & 88)
NORTH HAMPTON, NH

NOTICE to the installer or owner. The Town of North Hampton requires this system to have a scarification (basal area) inspection. Contact the Building Inspector 24 hours prior to inspection at 964-8650.

16 DEC 14
APPROVED
Town of North Hampton
Septic System Examiner

OWNER: LUCK ENTERPRISES, INC.
PO BOX 700
NORTH HAMPTON, NH 03862–0700

NEW HAMPSHIRE
Designer
of
Subsurface Disposal Systems
* * *
Anne W. Bialobrzeski
No. 348
Department of Environmental Services

APPLICANT:
STOCKTON SERVICES
PO BOX 1306
HAMPTON, NH 03843–1306
603 929–7404

DATE: DECEMBER 16, 2014

APPROVAL:

S SHALL
LE ODORS OCCUR,

701 REVISED (SITES 87&88)

RECEIVED
DEC 17 2014
NHDES
LAND RESOURCES MANAGEMENT

ADVANCED ONSITE SOLUTIONS LLC
PO Box 248
Canterbury, NH 03224
(603)-783-8042
Toll Free: (866) 900-2415

December 15, 2014

Luck Enterprises, Inc
P.O Box 700
North Hampton, NH 03862

We have enclosed the Sales and the Inspection Agreements for ***THE CLEAN SOLUTION™*** system. The system has been sized for your existing two 2-bedroom single-family home/ located at 31 & 33 Granite Drive in North Hampton, NH.

The agreements describe ***THE CLEAN SOLUTION*** system, the required inspections, maintenance, and the cost of the system components.

Attachments:

1. Sales Agreement and Inspection Contract for your records.

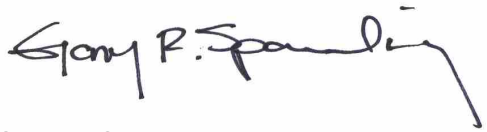
2. **Inspection Agreement (2 copies)** - Return one signed copy to your designer. This copy will be sent to NHDES with your subsurface disposal for review. NHDES requires it for their records to show that you have been made aware of the inspection and maintenance.

3. **Sales Agreement –** Please sign and return with the initial payment to AOS three weeks prior to the system being installed. This time is need to order the tank and system components.

When you return the above documentation to AOS please provide us with your installer's name and contact information. Once we have this information AOS will coordinate with your installer on the installation date.

Thank you for choosing ***THE CLEAN SOLUTION*** alternative septic system. We look forward to working with you. Please call if you would like to discuss the system or the sales agreement.

Sincerely,



Gary R. Spaulding
General Manager, Advanced Onsite Solutions, LLC

Email gary@aosne.com
www.aosne.com

ADVANCED ONSITE SOLUTIONS LLC
PO Box 248
Canterbury, NH 03224
(603)-783-8042
Toll Free: (866) 900-2415

SALES AGREEMENT
December 15, 2014

BUYER:
Name: Luck Enterprises, Inc
Address: P.O Box 700
City, State Zip: North Hampton, NH 03862
Phone:
Cell:
Email:

OWNER-IF DIFFERENT:
Name:
Address:
City, State Zip:
Phone:
Cell:
Email

Please complete all missing information

SITE:
Property ID: Tax Map 17 Lot No. 82
Address: 31 & 33 Granite Drive
Granit Post Green
Site No's 87 & 89
City, State, Zip: North Hampton, NH 03862

Design Flow: 600 gpd
Number of Bedrooms: 2- 2-bdrm homes

Designer Information:
Anne W. Bialobrzeski
Stockton Services
PO Box 1306
Hampton, NH 03843-1306
office: 603 929-7404
cell: 603 765-8918:

Advanced Onsite Solutions LLC (AOS) will supply ***THE CLEAN SOLUTION™*** Sewage Treatment System for the above site based on design parameters provided by the designer / owner and subsurface disposal plan(s) submitted to AOS by a licensed designer. Change of use that results in an increase in daily flow or wastewater strength will impact the performance of ***THE CLEAN SOLUTION***. The owner(s) or the owner(s) representative(s) is responsible for obtaining all required state and local approvals.

This Sales Agreement is subject to the following conditions:

1. The buyer will provide AOS with copies of the approved plans.
2. The buyer will hire a qualified installer licensed for Subsurface Disposal.
3. This agreement includes a required inspection agreement. Owner understands that failure to perform the required maintenance may result in premature dispersal field failure.

AOS will provide the following:
THE CLEAN SOLUTION **system model: 250-R2-R2**

Tank Type:	☒ **Concrete**	☐ Plastic
Loading Requirements:	☒ **Standard Duty**	☐ Heavy duty ☐ H-20 duty
Air Line	☒ **1/2 " dia.**	☐ 3/4 " dia.
Access Risers:	☐ Plastic Risers to 6"	☐ **Plastic Risers to 12**"
	☐ Plastic Risers to 18"	☐ Plastic Risers to 24"
Additional Components:	☒ **Compressor Shelf**	☐ Compressor Outdoor Enclosure
	☐ Compressor Alarm	
	☐ STF-100 pressure filter	☐ Pressure alarm switch
	☒ **Tank Sealing**	

Email custserv@aosne.com
www.aosne.com

ADVANCED ONSITE SOLUTIONS LLC
PO Box 248
Canterbury, NH 03224
(603)-783-8042
Toll Free: (866) 900-2415

ELECTRICAL REQUIREMENTS:

Owner shall be responsible for hiring a licensed electrician. A 120-volt outlet, non-ground fault interrupted circuit, supplying 5 amps per compressor. Location of the outlet(s) shall be within 50' of ***THE CLEAN SOLUTION*** system and within 4' of the compressor.

FOLLOWING PROVIDED BY OTHERS:

- Septic tanks if required
- Pump Chamber if required
- Effluent pump, all pump controls and electrical disconnect switch
- Exterior Venting may be required for older homes
- Exterior Venting is required for systems where effluent is pumped to ***THE CLEAN SOLUTION*** system
- Excavation for installing system components
- Construction of the dispersal field
- Piping to and from ***THE CLEAN SOLUTION*** system

OWNER HAS THE FOLLOWING UNDERSTANDING:

- Failure to install the subsurface disposal system according to the approved plan will void system warranty and performance specifications.
- The owner's contractor shall ensure that all risers are watertight and all system components, both upstream and downstream of ***THE CLEAN SOLUTION*** system, are watertight to prevent infiltration from groundwater and surface runoff.
- ***THE CLEAN SOLUTION*** system has not been designed to handle backwash discharge from Water Softeners or other high water use fixtures such as hot tubs or spa style showers. Discharge water from high water use fixtures to be discharged into an approved drywell.
- If the subsurface disposal system requires an effluent pump, the pump chamber shall be inspected annually for sludge buildup and pumped as necessary.

MAINTENANCE SUGGESTIONS:

There is ongoing concern that pharmaceuticals, medical treatments, and personal care products impact how a septic system functions. Studies have shown that these products can disrupt the balance of bacteria in the septic tank, reducing the septic tank's efficiency to break down waste. The following is recommended:

1. The EPA suggests that unused pharmaceuticals, either prescription or over the counter medicines, not be disposed of in the septic system. Check with your local pharmacy to see if it has a program to dispose of unused medicines.
2. If a resident of the home is undergoing medical treatment with high strength antibiotics, the system should be inspected annually to determine a proper maintenance schedule.

PERFORMANCE SPECIFICATIONS:

THE CLEAN SOLUTION system has been designed based on the following standard residential wastewater influent strength from primary septic tank(s) - BOD_5 of 140-180 mg/l, TSS 100-150 mg/l and FOG <5 mg/l.

Email custserv@aosne.com
www.aosne.com

ADVANCED **O**NSITE **S**OLUTIONS LLC
PO Box 248
Canterbury, NH 03224
(603)-783-8042
Toll Free: (866) 900-2415

LIMITED WARRANTY

For a period of 3-years from the date of installation, AOS warrants that the components within the BioCon chamber will be free from defects. If a defect exists, AOS will repair or replace the defective components at no cost to the owner. This limited warranty does not cover the cost of pumping the system to make necessary repairs, or the cost for excavation to replace or make repairs, or replacement of landscaping features. This limited warranty does not cover failure of the dispersal field(s). AOS does not warranty THE CLEAN SOLUTION system or EDA components installed by others.

For compressors that have been maintained and used under normal operating conditions, AOS will extend the compressor manufacturer's warranty from one year to two years. Labor to replace compressors will be billed out at AOS standard hourly rates.

EXCLUSIONS AND LIMITATIONS

This limited warranty for pump chamber components (pump, floats, alarms, etc) if supplied by AOS is limited to the manufacturer's terms and conditions. Labor to replace effluent pump/floats/alarms will be billed out at AOS standard hourly rates.

It is the owner's responsibility to ensure that inspections are performed by AOS or an AOS-approved vendor. Failure to perform a timely inspection, or to perform the required maintenance, maintain records of pumping or to notify AOS of any problems will void this limited warranty. This limited warranty does not cover damage caused by improper use by the occupants, poor construction or design practices, high groundwater, flooding, or acts of God.

Owner shall defend, indemnify, and hold harmless AOS and its employees and subcontractors, from and against any and all claims, demands, causes of action, damages, liabilities, losses, and expenses arising from the project and/or the contract to the extent caused by the fault of Owner and/or its consultants, design professionals, or agents.

THIS LIMITED WARRANTY IS IN LIEU OF AND SUPERSEDES ALL OTHER WARRANTIES, EXPRESS OR IMPLIED.

*AOS SHALL NOT BE LIABLE FOR ANY DIRECT OR INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, NOR SHALL AOS LIABILITY UNDER THIS WARRANTY EXCEED THE AMOUNT PAID TO AOS FOR **THE CLEAN SOLUTION SYSTEM**.*

Email custserv@aosne.com
www.aosne.com

ADVANCED ONSITE SOLUTIONS LLC
PO Box 248
Canterbury, NH 03224
(603)-783-8042
Toll Free: (866) 900-2415

Sales Agreement

The agreed upon price for ***THE CLEAN SOLUTION*** system is:	**$ 6,800.00**
H-20 Loaded upgrade of tanks and access covers	*na*
Additional Components / Upgrades: Tank Coating	**$ 300.00**
State Sales Tax if applicable: (VT, MA):	**-**
Delivery	**-**
Total Due:	**$ 7,100.00**
Payment schedule is as follows:	
FIRST PAYMENT upon signing this agreement	**$ 3,550.00**
FINAL PAYMENT payable on the day of installation	**$ 3,550.00**

If the AOS technician has to return to complete the scheduled installation because the site is not properly prepared, Buyer agrees to pay AOS $80.00/man hour for subsequent visit(s).

Failure to pay in full will void all warrantees. Buyer agrees to pay all costs and expenses incurred by AOS, including all attorney fees, and all collection charges (including a percentage of the outstanding balance of this Contract) should the account be referred to a collection agency.

THIS SALES AGREEMENT IS VALID FOR 60 DAYS FROM THE DATE OF THIS DOCUMENT. ALL SYSTEM COMPONENTS MUST BE INSTALLED WITHIN 60 DAYS OF INITIAL DEPOSIT. FAILURE TO INSTALL THE SYSTEM COMPONENTS WITHIN 60 DAYS MAY RESULT IN ADDITIONAL CHARGES.

By signing below the owner or owner's representative has read the SALES AGREEMENT and attached INSPECTION AGREEMENT and agrees to the terms of the SALES AND INSPECTION AGREEMENTS and to perform the necessary inspections and maintenance outlined in the INSPECTION AGREEMENT.

ACCEPTED BY:

DATE:

Name: Luck Enterprises, Inc
Address: P.O Box 700
City, State Zip: North Hampton, NH 03862
Phone:
Cell:
Email:

PLEASE PROVIDE ALL INFORMATION REQUESTED ABOVE

Email custserv@aosne.com
www.aosne.com

ADVANCED ONSITE SOLUTIONS LLC
PO Box 248
Canterbury, NH 03224
(603)-783-8042
Toll Free: (866) 900-2415

RESIDENTIAL
NEW HAMPSHIRE INSPECTION AGREEMENT
December 15, 2014

OWNER:	
Name:	Luck Enterprises, Inc
Address:	P.O Box 700
City, State Zip:	North Hampton, NH 03862
Phone:	
Cell:	
Email:	

Please complete all missing information

SITE:	
Property ID:	Tax Map 17 Lot No. 82
Address:	31 & 33 Granite Drive Granit Post Green Site No's 87 & 89
City, State, Zip:	North Hampton, NH 03862
Design Flow:	600 gpd
Number of Bedrooms:	2- 2-bdrm homes

The following inspection and maintenance is required. It is the owner's responsibility to see that this maintenance is performed.

☒ **Residential Use (Single Family Home)**

1. If the Individual Subsurface Disposal System (ISDS) is a gravity system, ***THE CLEAN SOLUTION*** system shall be inspected once every year by a certified AOS Technician.
2. If the ISDS utilizes the settling chamber as a pump chamber, AOS requires that a certified AOS Technician inspect ***THE CLEAN SOLUTION*** system annually.
3. After the inspection, you may need to contact your septic pumper to pump out the septic and settling/pump tanks. Maximum time between pumping should not exceed 2 years. More frequent pumping may be required depending on system use and number of occupants. Owner must retain records of pumping.
4. Compressor must run continuously. It should be checked for operation at least once a month unless a compressor alarm has been installed. Compressor Air Filter to be cleaned or replaced yearly. If the Compressor is located in a dusty environment the filter will need to be cleaned more frequently
5. An AOS Technician will determine when the BioCon™ chamber will need pumping. Typical residential use requires BioCon Chamber to be pumped and cleaned every 5 to 7 years.
6. Compressor may be disconnected for seasonal homes that have been winterized.

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Additional Maintenance Suggestions:

There is ongoing concern that pharmaceuticals, medical treatments, and personal care products impact how a septic system functions. Studies have shown that these products can disrupt the balance of bacteria in the septic tank, reducing the septic tank's efficiency to break down waste.

The following is recommended:

1. The EPA suggests that unused pharmaceuticals, either prescription or over the counter medicines, not be disposed of in the septic system. Check with your local pharmacy to see if it has a program to dispose of unused medicines.
2. If a resident of the home is undergoing medical treatment with high strength antibiotics, the system should be inspected annually to determine the proper maintenance schedule.

This Inspection service includes the following: Inspection Report, Replacing Compressor Filter, replacement of failed system components within the BioCon and Settling Chambers that are covered under warranty provided by AOS. The cost of pumping out the tank(s) to perform the necessary repairs or components required to make repairs is not included in the inspection fee.

The inspection fee does not cover routine maintenance of the BioCon Chamber (pumping and cleaning)

Failure to have an inspection agreement with AOS or an approved vendor will void warranty outlined in the **Sales Agreement provided by AOS. AOS does not warranty THE CLEAN SOLUTION systems or system components that have been installed by others.**

INSPECTION FEE SCHEDULE

The current fee is $250.00 per inspection plus the cost of replacement parts not covered by warranty.

AOS may adjust the Inspection fees as needed to cover increase in cost of service and goods (i.e. Fuel).

Inspection fees are payable at time of service.

By signing below, the owner or owner's representative warrants that s/he has read and agrees to the terms of the SALES and INSPECTION AGREEMENTS, and agrees to perform the necessary inspections and maintenance outlined.

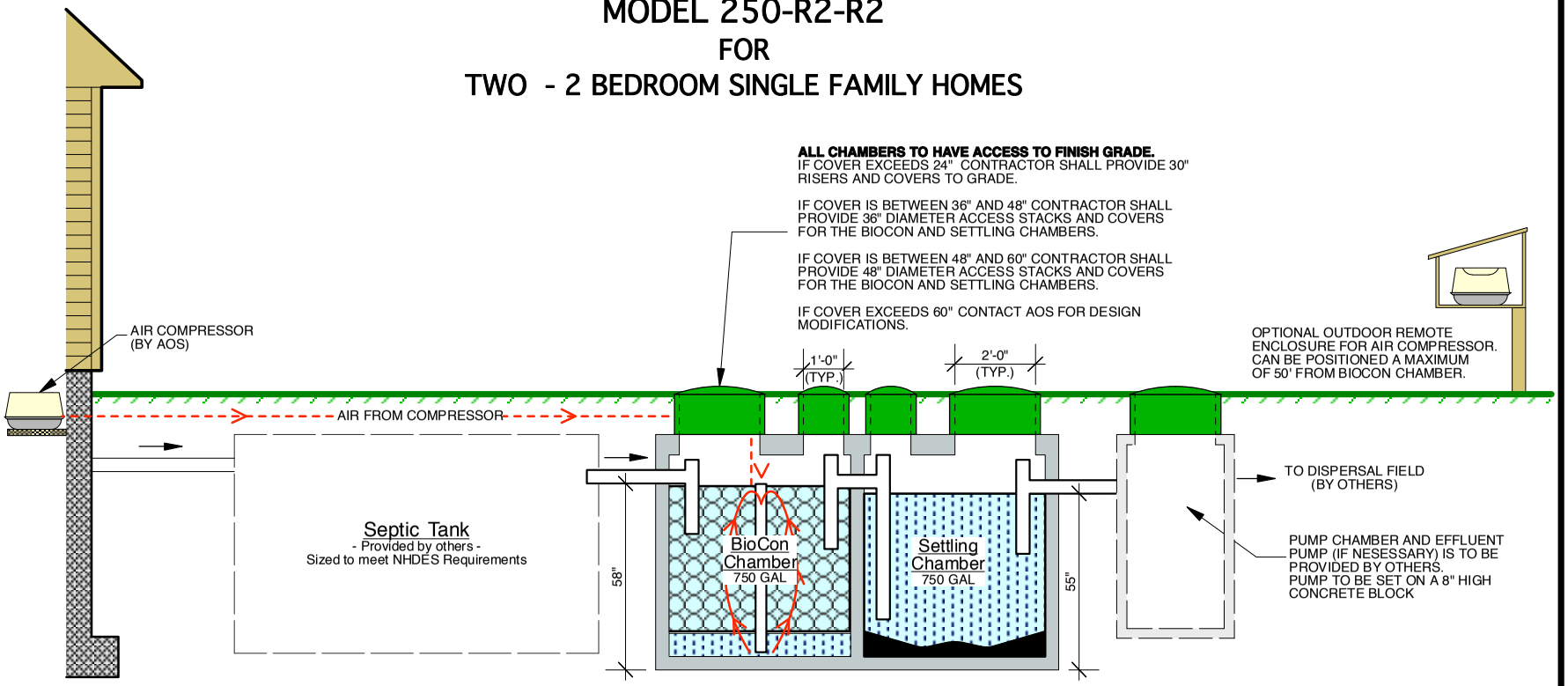
ACCEPTED BY:

DATE:

Name:	Luck Enterprises, Inc
Address:	P.O Box 700
City, State Zip:	North Hampton, NH 03862
Phone:	
Cell:	
Email	

PLEASE PROVIDE ALL INFORMATION REQUESTED ABOVE

THE CLEAN SOLUTION™ ALTERNATIVE SEPTIC SYSTEM
MODEL 250-R2-R2
FOR
TWO - 2 BEDROOM SINGLE FAMILY HOMES


ALL CHAMBERS TO HAVE ACCESS TO FINISH GRADE.
IF COVER EXCEEDS 24" CONTRACTOR SHALL PROVIDE 30" RISERS AND COVERS TO GRADE.
IF COVER IS BETWEEN 36" AND 48" CONTRACTOR SHALL PROVIDE 36" DIAMETER ACCESS STACKS AND COVERS FOR THE BIOCON AND SETTLING CHAMBERS.
IF COVER IS BETWEEN 48" AND 60" CONTRACTOR SHALL PROVIDE 48" DIAMETER ACCESS STACKS AND COVERS FOR THE BIOCON AND SETTLING CHAMBERS.
IF COVER EXCEEDS 60" CONTACT AOS FOR DESIGN MODIFICATIONS.
AIR COMPRESSOR (BY AOS)
AIR FROM COMPRESSOR
1'-0" (TYP.)
2'-0" (TYP.)
OPTIONAL OUTDOOR REMOTE ENCLOSURE FOR AIR COMPRESSOR. CAN BE POSITIONED A MAXIMUM OF 50' FROM BIOCON CHAMBER.
TO DISPERSAL FIELD (BY OTHERS)
Septic Tank
- Provided by others -
Sized to meet NHDES Requirements
BioCon Chamber
750 GAL
Settling Chamber
750 GAL
58"
55"
PUMP CHAMBER AND EFFLUENT PUMP (IF NESESSARY) IS TO BE PROVIDED BY OTHERS. PUMP TO BE SET ON A 8" HIGH CONCRETE BLOCK

BioCon/Settling Tank

- Provided by AOS -

1,400 GAL 2-Compartment Tank

(10'6"L x 6'0"W x 6'0"H)

Tank from:

Phoenix Precast Products
Concord, NH 03301
1-800-639-2199

NOTES:

1. Septic Tank & Settling Compartment and Pump Chamber must be pumped every 2 years. More frequent pumping may be required depending on use.
2. Tank is not suitable for drive on use. Heavy Duty and H-20 models available.
3. Contractor to verify tank dimensions prior to setting.
4. Plastic risers provided by AOS up to 12". Based on design plans
   Contractor to provide additional risers to finish grade if cover over tank exceeds 12". See above for depth requirements

Site: Tax Map 17 Lot No. 82 31 & 33 Granite Drive Granit Post Green Site No's 87 & 89 North Hampton, NH 03862	Owner: Luck Enterprises, Inc P.O Box 700 North Hampton, NH 03862	Date 12/15/2014 Rev.	AOS **A**dvanced **O**nsite **S**olutions LLC *innovative wastewater solutions with sustainable results* P.O.Box 248 Canterbury, NH 03224 Phone 603.783.8042

ADVANCED ONSITE SOLUTIONS LLC
PO Box 248
Canterbury, NH 03224
(603)-783-8042
Toll Free: (866) 900-2415

THEORY of *THE CLEAN SOLUTION™*

Conventional decentralized septic systems whether used for individual homes, commercial applications or a community septic system a septic tank(s) are used to first provide anaerobic (without air) treatment of the waste which is then followed by a leach field to provide aerobic (with air) treatment of the effluent.

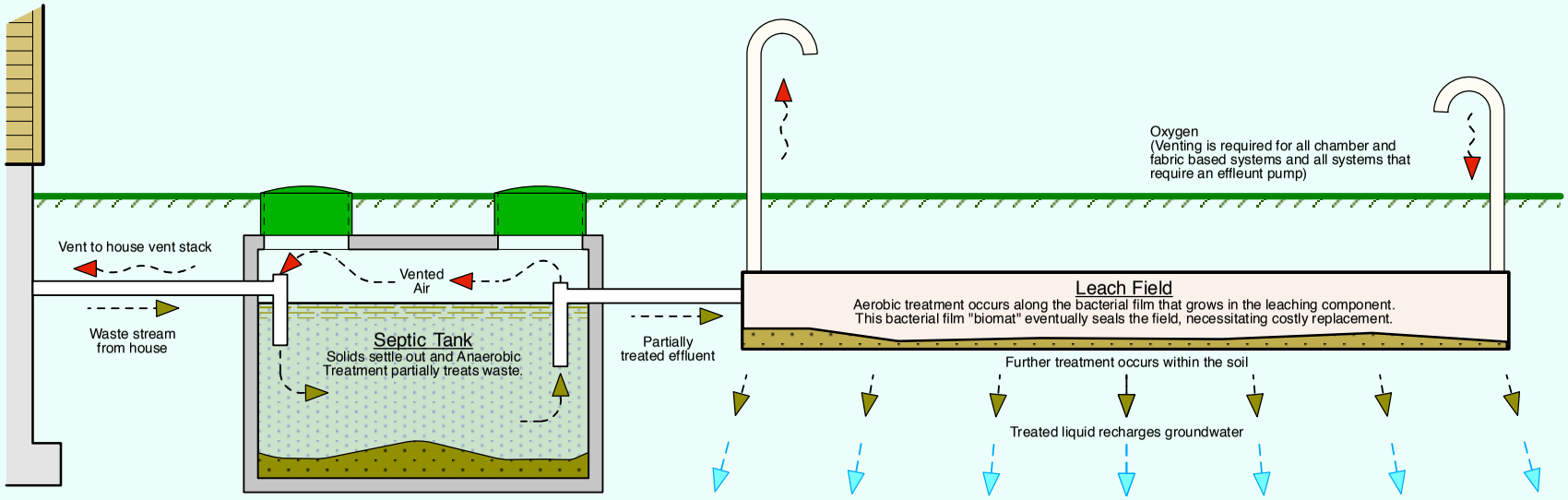
Septic tanks work well for capturing and digesting the solids, which are anaerobically fermented over a long period of time, dissolving the solids into liquid waste. However, a septic tank is not designed to treat the contaminants that dissolve in the liquids. These are treated aerobically in the leach field. Municipal systems, which handle very large volumes of wastewater, use different equipment to accomplish the same biological functions as a septic system: primary sedimentation tanks remove solids, and a subsequent aerobic system treats the contaminants dissolved in the liquids. Settled solids are removed from municipal primary and secondary facilities for further treatment.

Every aerobic treatment system, whether a conventional leach field, municipal treatment plant, or ***THE CLEAN SOLUTION***, depends on bacteria to treat the effluent from a solids settling system. In order for the bacteria to reproduce, they require energy (food) and air. By using the contaminants in the effluent as food and atmospheric air, the bacteria metabolize the dissolved solids to carbon dioxide, water, and sludge (colonies of bacteria). The aerobic bacteria also convert ammonia compounds to nitrates.

A large number of bacteria need to come in contact with the food source in order to purify an effluent. Treatment systems utilize different methods to provide the necessary bacteria population. A municipal system mechanically stirs up the bacteria in the secondary treatment process so that they will contact their food and not settle out of the effluent. In a leach field, the sludge (biomat) that forms at the ground interface is a large colony of bacteria through which the dissolved solid stream flows. In ***THE CLEAN SOLUTION*** the bacteria collect in a thin film on the plastic media in the BioCon chamber, and the effluent circulates through the plastic media.

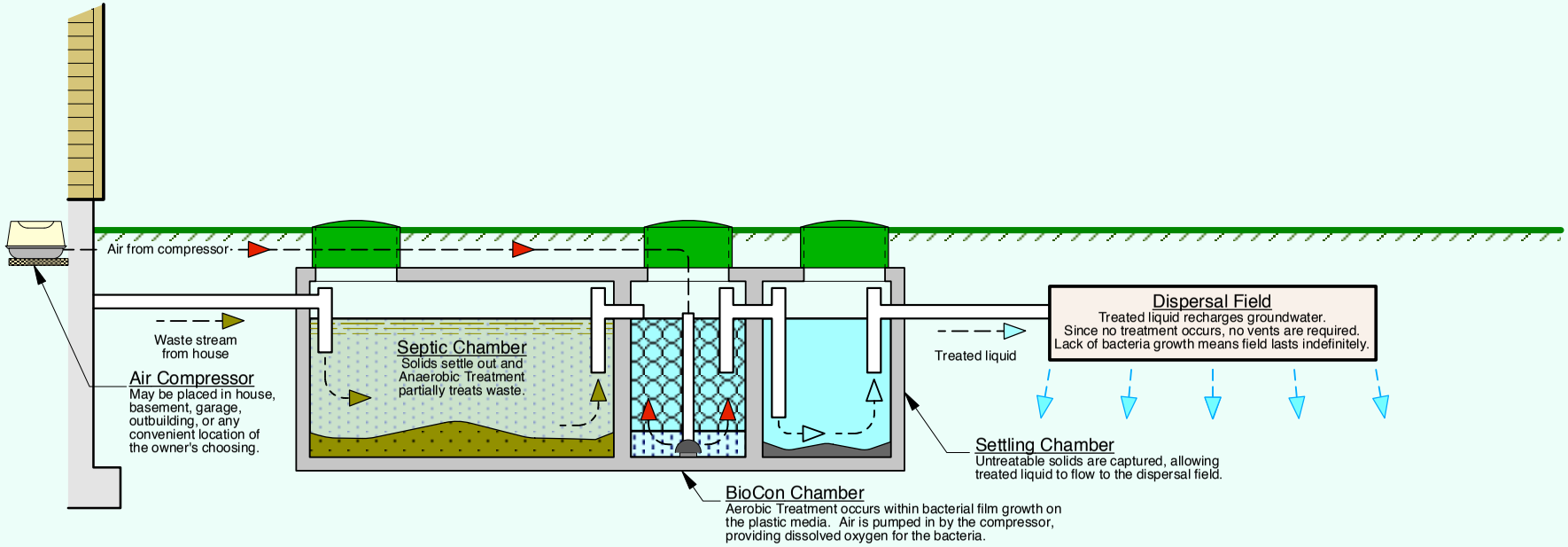
THE CLEAN SOLUTION uses the same biological process as a municipal secondary treatment plant, utilizing the activated sludge process. Solids are settled out and air is added for bacteria respiration in the BioCon. This allows the bacteria to convert the carbonaceous dissolved solids to carbon dioxide, water, and sludge. In addition, the urea and ammonia converts to nitrates and sludge. The sludge created is settled for periodic removal from the system, and a clean, odorless effluent is discharged to the dispersal field.

The major difference between a conventional septic system and ***THE CLEAN SOLUTION*** is where the bacteria (sludge) collect. In a conventional system, the sludge forms in the bottom of the leach field and restricts the effluent flow enough so that the bacteria has time to act. This flow rate through the sludge determines the required field size. In ***THE CLEAN SOLUTION*** system the sludge is formed in the BioCon chamber, resulting in treated, clear effluent discharging to the dispersal field. This field can be greatly reduced in size because there is no further treatment required to reduce BOD and TSS.


Oxygen
(Venting is required for all chamber and fabric based systems and all systems that require an effleunt pump)
Vent to house vent stack
Vented Air
Waste stream from house
Septic Tank
Solids settle out and Anaerobic Treatment partially treats waste.
Partially treated effluent
Leach Field
Aerobic treatment occurs along the bacterial film that grows in the leaching component. This bacterial film "biomat" eventually seals the field, necessitating costly replacement.
Further treatment occurs within the soil
Treated liquid recharges groundwater

CONVENTIONAL LEACH FIELD SEPTIC SYSTEM

Treatment occurs within the leach field components, whether fabric wrapped pipes or mats, concrete or plastic chambers or traditional pipe & stone.

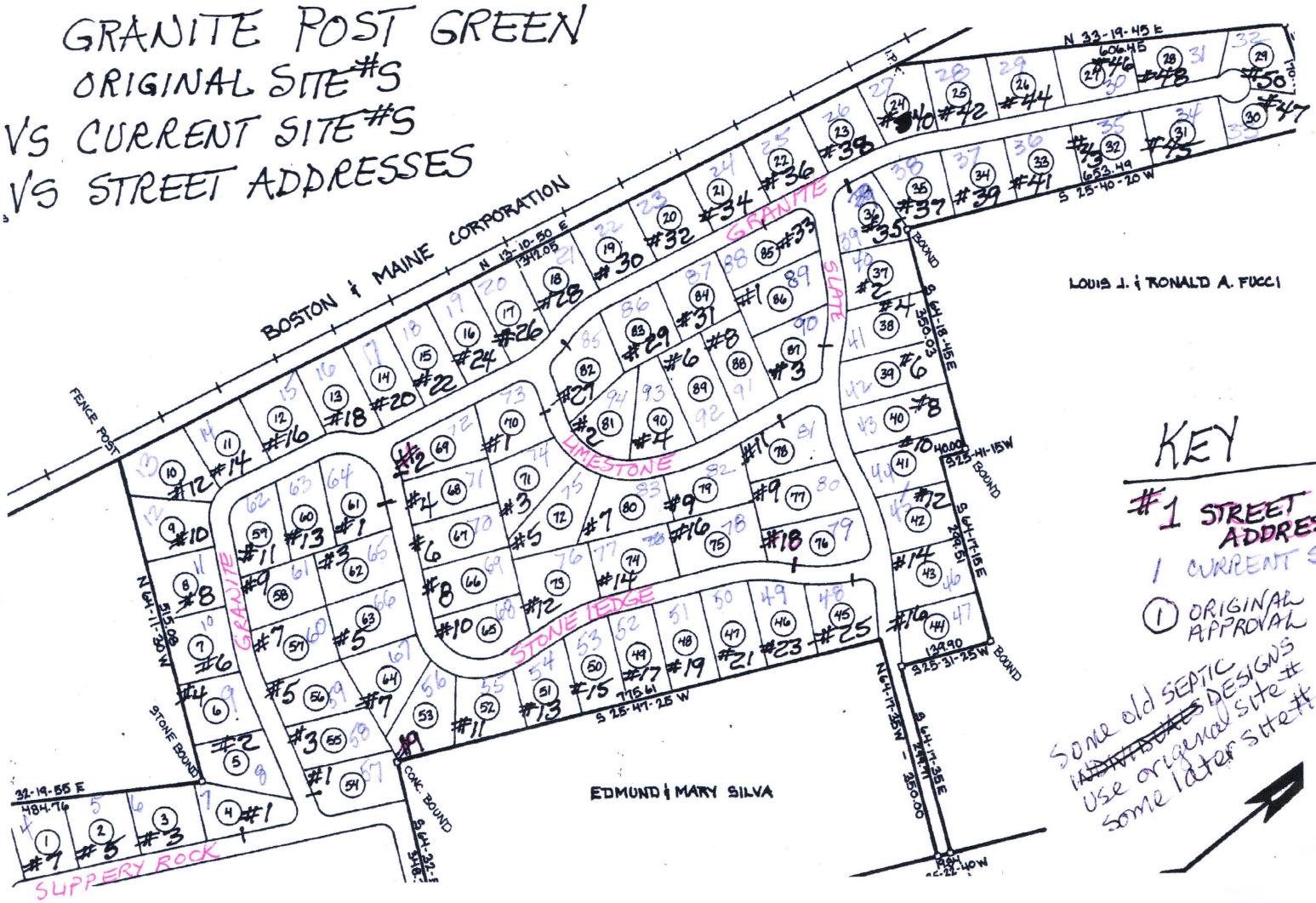

Air from compressor
Waste stream from house
Air Compressor
May be placed in house, basement, garage, outbuilding, or any convenient location of the owner's choosing.
Septic Chamber
Solids settle out and Anaerobic Treatment partially treats waste.
Treated liquid
Dispersal Field
Treated liquid recharges groundwater. Since no treatment occurs, no vents are required. Lack of bacteria growth means field lasts indefinitely.
Settling Chamber
Untreatable solids are captured, allowing treated liquid to flow to the dispersal field.
BioCon Chamber
Aerobic Treatment occurs within bacterial film growth on the plastic media. Air is pumped in by the compressor, providing dissolved oxygen for the bacteria.

THE CLEAN SOLUTION™ ALTERNATIVE SEPTIC SYSTEM

Treatment occurs within the BioCon™ Aerobic treatment chamber, allowing for a dispersal area smaller than a leach field.

Advanced **O**nsite **S**olutions LLC
innovative wastewater solutions with sustainable results
P.O. Box 248
Canterbury, NH 03224
Phone 603.783-8042
www.thecleansolution.com

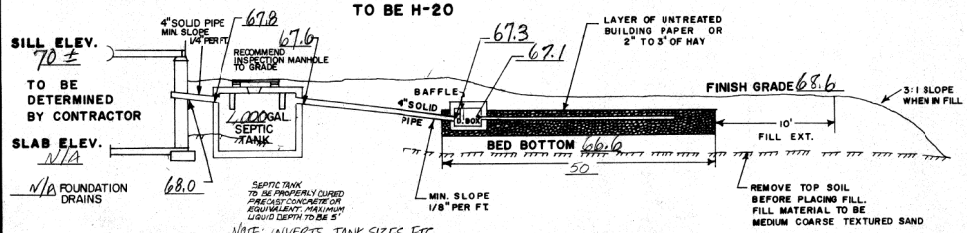
GRANITE POST GREEN
ORIGINAL SITE #S
VS CURRENT SITE #S
VS STREET ADDRESSES



PLOT PLAN
(1" = APPROX.____)

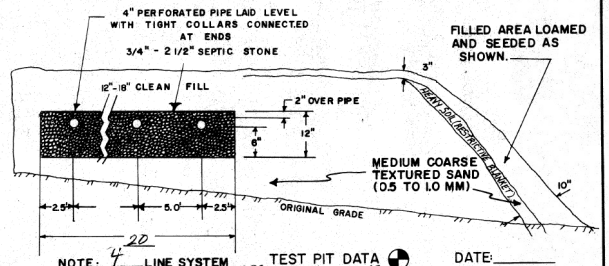
NOTE: GARBAGE DISPOSALS NOT RECOMMENDED

NOTE: ALL COMPONENTS UNDER PAVEMENT OR ROADWAY TO BE H-20

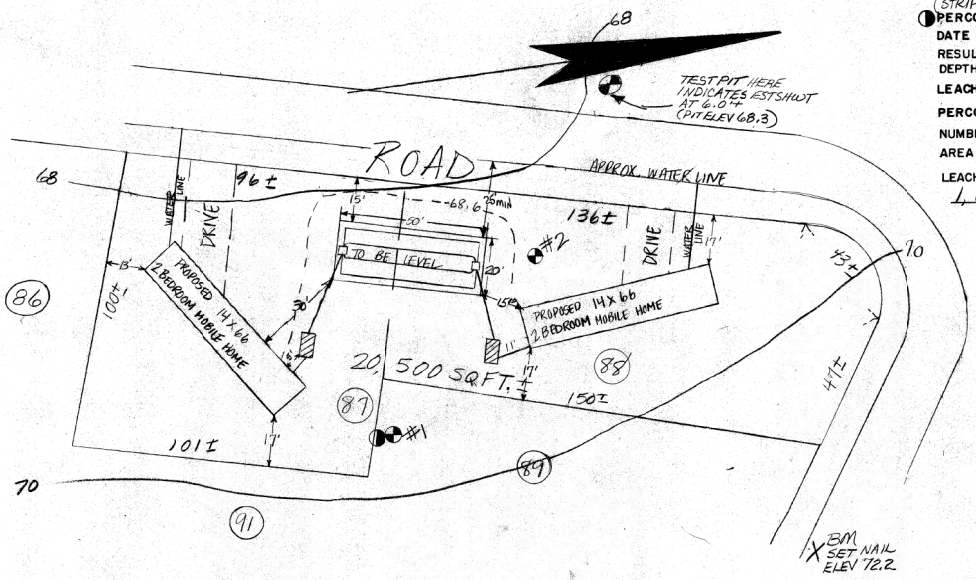

SILL ELEV. 70±
TO BE DETERMINED BY CONTRACTOR
SLAB ELEV. N/A
N/A FOUNDATION DRAINS
4" SOLID PIPE MIN. SLOPE 1/4" PER FT.
67.8
67.6
RECOMMEND INSPECTION MANHOLE TO GRADE
1000 GAL SEPTIC TANK
68.0
SEPTIC TANK TO BE PROPERLY CURED PRECAST CONCRETE OR EQUIVALENT. MAXIMUM LIQUID DEPTH TO BE 5'
BAFFLE
4" SOLID PIPE
6" BOX
67.3
67.1
LAYER OF UNTREATED BUILDING PAPER OR 2" TO 3" OF HAY
FINISH GRADE 68.6
3:1 SLOPE WHEN IN FILL
10' FILL EXT.
BED BOTTOM 66.6
50
MIN. SLOPE 1/8" PER FT.
REMOVE TOP SOIL BEFORE PLACING FILL. FILL MATERIAL TO BE MEDIUM COARSE TEXTURED SAND

NOTE: INVERTS, TANK SIZES, ETC. APPLY TO BOTH SITES UNLESS OTHERWISE NOTED.

CROSS SECTION DISPOSAL SYSTEM
(NOT TO SCALE)



NOTE: 4 LINE SYSTEM



SOIL TYPE: 298 & 299 (STRIPPED & MADE LAND)

PERCOLATION TEST DATA

DATE TEST CONDUCTED: 7-30-82

RESULTS: 1 MIN/INCH

DEPTH OF HOLE: 30"

LEACH BED REQUIREMENTS

PERCOLATION RATE: (USE: 2 MIN/INCH)

NUMBER OF BEDROOMS: 4

AREA REQUIRED: 750 SQ. FT.

LEACH BED SIZE: 20 x 50 = 1,000 SQ FT PROVIDED

TEST PIT DATA DATE:____

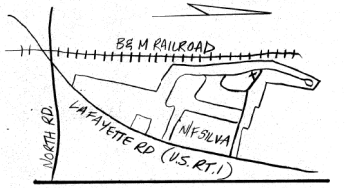
INSPECTED BY L. MORSE-STATE OF NH.

#1 7-30-82 69.6 | #2 69.7 11-23-82

#1			#2	
GRAVEL FILL			GRAVEL FILL	
			64.2	5.5 ESHW
4.0	65.6		FINE SANDS WITH SILTS	
5.0±	64.6 ESHW			
FINE SAND W/SILTS				
7.0	62.6 NO OBS H2O		60.7	9.0

BENCH MARKS 1. SETNAIL IN ROAD N. OF LOT 89 ELEV 72.2

LOCUS MAP
(NOT TO SCALE)



SEPTIC SYSTEM PLAN

SITES 87 & 88 PINE ACRES

NORTH HAMPTON, N.H.

SUBDIVISION APPROVAL #17912

SCALE: 1" = 20'

TWIN TOWN HOMES

OWNER: LAFAYETTE RD. NORTH HAMPTON, N.H. 03862

APPLICANT: PARKER SURVEY ASSOC., INC. EXETER & SEABROOK, N.H.

DATE: 12/1/82

APPROVAL _____ **JOB** 4221

NEW HAMPSHIRE Designer of Subsurface Disposal Systems ... Richard K. Parker, Jr. No. 92 — Water Supply & Pollution Control

NOTE:

THIS PLAN IS NOT TO BE CONSTRUED AS A LOT SURVEY FOR WATER POLLUTION PURPOSES ONLY.

ALSO

SEE APPROVAL SLIP FOR ANY CONDITIONS OR REVISIONS.

CONTRACTOR SHOULD CHECK TOWN BUILDING & ZONING REQUIREMENTS PRIOR TO CONSTRUCTION.

SUITABLE REPLACEMENT AREA: IN PLACE OR REDESIGN

KEY:

- EXISTING CONTOUR
- 100.0 EXIS. SPOT ELEVATION
- PROPOSED CONTOUR
- (100.0) PROP. SPOT ELEVATION

(PROPOSED GRADING SHOWN ONLY AS IT PERTAINS TO SEPTIC SYSTEM)